

Please type a plus sign (+) inside this box → Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 44995

First Inventor Nicholas R. Bachur Jr. et al.

Title Apparatus and Method for Using Optical Mouse Engine to  
Determine Speed, Direction, Position of Scanned Device ...

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 20]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 7 ]
5. Oath or Declaration [ Total Pages 2 ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 17 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Other: .....

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation    Divisional    Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_

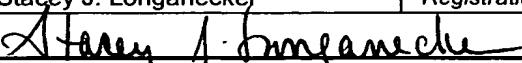
Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or  Correspondence address below

Name	Stacey J. Longanecker				
Address	Roylance, Abrams, Berdo & Goodman, L.L.P. 1300 19th Street, N.W., Suite 600				
City	Washington	State	DC	Zip Code	20036
Country	USA	Telephone	(202) 659-9076		Fax (202) 659-9344
Name (Print/Type)	Stacey J. Longanecker		Registration No. (Attorney/Agent)	33,952	
Signature			Date November 4, 2003		

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13281  
10403  
U.S. PTO

PTO/SB/17 (01-03)

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 810.00)

## Complete if Known

Application Number	
Filing Date	November 4, 2003
First Named Inventor	Nicholas R. Bachur Jr. et al.
Examiner Name	
Art Unit	
Attorney Docket No.	44995

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number  
18-2220

Deposit Account Name  
Roylance, Abrams, Berdo

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375			Utility filing fee	770.00
1002 330	2002 165			Design filing fee	
1003 520	2003 260			Plant filing fee	
1004 750	2004 375			Reissue filing fee	
1005 160	2005 80			Provisional filing fee	
SUBTOTAL (1)				(\$)	770.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	13	-20** =	0	x	18	=	0	Extra Claims	Fee from below	Fee Paid
Independent Claims	2	- 3** =	0	x	84	=	0			
Multiple Dependent										

Large Entity	Small Entity	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 0.00)

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051 130	2051 65	1053 130	1053 130	Surcharge - late filing fee or oath Surcharge - late provisional filing fee or cover sheet	
1052 50	2052 25	1812 2,520	1812 2,520	Non-English specification For filing a request for ex parte reexamination	
1804 920*	1804 920*	1805 1,840*	1805 1,840*	Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action	
1251 110	2251 55	1252 410	2252 205	Extension for reply within first month Extension for reply within second month	
1253 930	2253 465	1254 1,450	2254 725	Extension for reply within third month Extension for reply within fourth month	
1255 1,970	2255 985	1401 320	2401 160	Extension for reply within fifth month Notice of Appeal	
1402 320	2402 160	1403 280	2403 140	Filing a brief in support of an appeal Request for oral hearing	
1451 1,510	1451 1,510	1452 110	2452 55	Petition to institute a public use proceeding Petition to revive - unavoidable	
1453 1,300	2453 650	1501 1,300	2501 650	Petition to revive - unintentional Utility issue fee (or reissue)	
1502 470	2502 235	1503 630	2503 315	Design issue fee Plant issue fee	
1460 130	1460 130	1807 50	1807 50	Petitions to the Commissioner Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	8021 40	8021 40	Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties)	40.00
1809 750	2809 375	1810 750	2810 375	Filing a submission after final rejection (37 CFR 1.129(a)) For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	1802 900	1802 900	Request for Continued Examination (RCE) Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

(Complete if applicable)

## SUBMITTED BY

Name (Print/Type)	Stacey J. Longanecker	Registration No. (Attorney/Agent)	33,952	Telephone (202) 659-9076
Signature	<i>Stacey J. Longanecker</i>		Date	November 4, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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